

Yenuli Obapitiya

Galle, Sri Lanka | yenuliobapitiya@gmail.com | 076 329 6393 | portfolio
linkedin.com/in/yenuliobapitiya | github.com/yenuliobapitiya

Summary

Computer Science undergraduate (3rd year) seeking an internship to gain practical experience in software engineering. Motivated to learn, collaborate with professionals, and contribute to a dynamic team.

Education

BSc (Hons) Computer Science, Informatics Institute of Technology Sep 2023 – Present

- **Modules:** Python Programming, Object-Oriented Programming (Java), Client-Server Architecture, Algorithms Design and Implementation, Database Management Systems, Advanced Client Side

Advanced Professional Java Developer Program, ACPT 2023

Technologies

Language: HTML, CSS, JavaScript, Java, Python, SQL
Technologies & Tools: React.js, Node.js, MySQL, MongoDB, Firebase, Git, Github, Figma, Postman

Projects

MindBridge – AI-Powered Mental Health App SourceCode: MindBridge

- Designed a cross-platform mobile app that offers **AI-driven mental health support**, including **real-time mood analysis**, **anonymous peer interaction**, and **personalized well-being recommendations**.
- Developed an AI-powered chatbot using Node.js and Gemini, contributed to **NLP-driven mental health research**, and implemented CI/CD workflows with GitHub Actions to accelerate development and deployment.
- **Tools Used:** Flutter, Node.js, Firebase, GitHub Actions, Python, NLP

Netflix Clone (Full Stack) SourceCode: NetflixClone

- Built a responsive full-stack Netflix clone using **React.js** and **Firebase**, implementing **authentication**, **real-time content rendering**, and **cloud-based data storage** to simulate a production-grade streaming platform.
- **Tools Used:** React.js, Firebase

Real-Time Event Ticketing System SourceCode

- Developed a **multi-threaded ticketing system** simulating real-time booking using **producer-consumer pattern**.
- Implemented **concurrency control**, **synchronization**, and maintained **data integrity** during simultaneous ticket releases and purchases and Ensured **efficient performance** through optimized thread management.
- **Tools Used:** Java, Multi-threading

QR Code Generator Live Link

- Built a **responsive QR code generator** with customizable **size**, **color**, and **download options**, using the lightweight **qrcodejs** library for dynamic rendering and deployed using **GitHub Pages** for instant web access.
- **Tools Used:** HTML, CSS, JavaScript

Certifications

Postman API Fundamentals and Student Expert by Postman July 2025
Career Essentials in GitHub Professional Certificate by GitHub September 2024
Practical GitHub Actions by LinkedIn Learning September 2024

References

Mr.G H S sandeepa Senior DevOps-R&D AI Engineer @ IFS Level 18, Orion Towers, 736 Dr Danister De Silva Mawatha, Colombo 09 071 909 7335	Mr. Saadh Jawwadh Assistant Lecturer, L5 SE Level Coordinator, Computing Department Assistant No.57, Ramakrishna Road, Colombo 6 077 181 7176
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